



SJCE_HackOverflow

Qualitative and Quantitative Impact of Proposed
Solution



Intuition

Every once in a while, a new technology, an old problem and a big idea turn it into an innovation.

We believe that any project should be simple, disruptive and help towards a better world.


The success of a project to an extent can be rhythmic with the impact it creates in the society.



Qualitative Impact

With an ever increasing population, the qualitative impact of the proposed solution can be outlined as

- The driving force of tourism industry and economy- With machine learning predictions of the crowd density at a given day and time, the local businesses can prepare suitably and generate more income. This in turn improves the business ecosystem.
- Advertising industry can boost their ad profiles in specific locations with the data of the tourists visiting the area during different seasons.

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- The exponential growth in traffic with rise in population leads to traffic congestions and delay in reaching destinations. This can be resolved to an extent by knowing the number of visitors to certain places and avoiding nearby traffic routes and finding alternatives.
 - The data of the visitors on a whole can be used to provide a more enriched experienced tourism experience.




Quantitative Impact

As much as qualitative analysis is needed to gain insight into a project and have a comprehensible understanding of the solution, the quantitative impact may be more easily visible in form of facts, figures and models.

The quantitative impact of the proposed solution can be condensed as

- The data of the visitors is updated every hour of the day, hence the machine learning predictions will stay relevant. The old data will be continually replaced by the new data, hence the predictions will change over course of time and become increasingly accurate.

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- The tourists can plan their trips according to the machine learning predictions of the number of tourists at a given time and place, hence the tourists can indulge more in the trip rather wait in long queues and waste time in crowded areas.
 - The Government authorities can use the data from the visitors count to manage the tourist place, create guided tours, provide better facilities. The crowd can be managed by dynamically changing the number of staff working based on the predictions of the number of visitors.